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1455. L. 77.  
Catalogue of the  
div. v.



**HENDRY BROTHERS**

**IRON & GENERAL METAL MERCHANTS**

*AND*

**COMMISSION AGENTS**

**5, DIXON STREET,**

**GLASGOW.**





# HENDRY BROTHERS'

## General Trade List,

(SUBJECT TO FUTURE ALTERATIONS,)

GLASGOW,

1850.

|  |          |
|--|----------|
| <b>Antimony,</b>   | per lb.  |
| <b>Anvils, SMITHS'.—Best Warranted,</b>                                | per cwt. |
| Ditto, ENGINEERS'.—Best Warranted, <i>Soho Pattern,</i>                | ...      |
| <b>Axles, PATENT SHAFT AND AXLE TREE COMPANY'S,</b>                    | ...      |
| Ditto, BRIGGS' PATENT COMPOUND,  | ...      |
| <b>Bellows—Long Shape, Circular, and Patent Circular Double Blast,</b> | ...      |
| <b>Belting—GUTTA PERCHA all Sizes, Flat and Round. LEA-</b>            | ...      |
| <b>THER,</b> Single and Double, Machine Stretched,                     | ...      |
| <b>Blocks—Wrought Iron, with Brass or Iron Shieves,</b>                | ...      |
| <b>Boiler Makers' and Iron Shipbuilders' Tools,—</b>                   | ...      |
| Rivetting Hammers. Cast Steel Rod Punch. C. S. Machine                 | ...      |
| Punch. C. S. Pin Counter Sink. C. S. Rod Set. C. S. Caulk-             | ...      |
| ing Punch. C. S. Drills. C. S. Chisels, Diamond Point,                 | ...      |
| Crescut, Flat, Canted, and Half-round,                                 | ...      |
| <b>Borax,</b>  | per lb.  |
| <b>Brands, Marks, Letters, and Figures,</b>                            | ...      |
| <b>Brass and Iron Bedsteads,</b>                                       | ...      |
| <b>Break Screws,</b>   | per lb.  |
| <b>Buckets, of Leather and Galvanized Iron,</b>                        | ...      |
| <b>Buffer Blocks and Break Blocks,</b>                                 | ...      |
| <b>Buffing and Drawing Rods,</b>                                       | ...      |
| <b>Bunnett and Co.'s Patent Revolving Iron Safety Shutters.</b>        | ...      |
| Patent Self-Acting and Self-Cleansing Effluvia Traps, for              | ...      |
| Public Sewers, House, and other Drains, Sinks, &c. Improved            | ...      |
| Water Closets for Shipping and Houses,                                 | ...      |
| <b>Bunting,</b>  | per yard |
| <b>Spring Balances for Locomotives, (Flat,)</b>                        | ...      |
| 30    40    50    60    70    80    90    100 lbs. each,               | ...      |
| Range 4 in. 4½ in. 4 in. 4 7-8 in. 4 7-8 in. 4 5-8 in. 6½ in. 6½ in.   | ...      |
| <b>Improved Patent Circular Ditto,</b>                                 | ...      |
| 30    40    50    60    70    80    90    100    120 lbs. each,        | ...      |
| Range 4 in. 5 in. 5 in. 6 in. 6 in. 8 in. 8 in. 10 in. 10 in.          | ...      |

## BRASS.

|  |                   |   |   |         |
|--|-------------------|---|---|---------|
| <b>Rolled Brass</b> , 12 in. wide and under,         | .                 | . | . | per lb. |
| Do. do. 12 to 18 in.,                                | .                 | . | . | ...     |
| Do. SHEETS, 24 by 48 in.,                            | .                 | . | . | ...     |
| <b>Brass Tube</b> ,                                  | .                 | . | . | ...     |
| <b>Brass Mandrilled Marine and Locomotive Boiler</b> |                   |   |   |         |
| Tubes, proved with an internal pressure of           | lbs. per sq. in., | . | . | ...     |
| <b>Brass Wire</b> to No 20, W. G.,                   | .                 | . | . | ...     |
| <b>Brass Castings</b> , Heavy,                       | .                 | . | . | ...     |
| Ditto, ditto, Light,                                 | .                 | . | . | ...     |
| Ditto, ditto, Cored,                                 | .                 | . | . | ...     |
| <b>Patent White Metal Castings</b> ,                 | .                 | . | . | ...     |
| <b>Brass Rivets</b> ,                                | .                 | . | . | ...     |
| <b>Brass Screws</b> , List Prices, Discount          | per cent,         | . | . | ...     |
| <b>Patent Cased Iron Tube for Hand Rails</b> ,       | .                 | . | . | ...     |

## BOLTS AND NUTS.

**Driving Pins, Wood Screws, Tapered Wheel Bolts,  
and Coach Bolts, &c.**

## LIST OF PRICES.

| <b>Bolts, per Gross,</b>             | <b>s. d.</b> | <b>Bolts per Gross,</b>               | <b>s. d.</b> |
|--------------------------------------|--------------|---------------------------------------|--------------|
| $\frac{1}{2}$ by $\frac{1}{2}$ inch, | 4 6          | $\frac{1}{2}$ by 7-16 inch,           | 8 6          |
| $\frac{1}{4}$ ... ..                 | 5 0          | $\frac{1}{4}$ ... ..                  | 9 0          |
| $\frac{1}{2}$ ... ..                 | 5 6          | $\frac{1}{2}$ ... ..                  | 9 6          |
| 2 ... ..                             | 6 0          | 2 ... ..                              | 10 0         |
| $\frac{1}{2}$ 5-16 in.               | 5 6          | 2 $\frac{1}{2}$ ... ..                | 10 6         |
| $\frac{1}{4}$ ... ..                 | 6 0          | 2 $\frac{1}{2}$ ... ..                | 11 0         |
| $\frac{1}{2}$ ... ..                 | 6 6          | 2 $\frac{1}{2}$ ... ..                | 11 6         |
| 2 ... ..                             | 7 0          | 3 ... ..                              | 12 0         |
| $\frac{1}{2}$ 3-8 in.                | 7 0          | $\frac{1}{2}$ ... $\frac{1}{2}$ inch, | 10 0         |
| $\frac{1}{4}$ ... ..                 | 7 6          | $\frac{1}{4}$ ... ..                  | 10 8         |
| $\frac{1}{2}$ ... ..                 | 8 0          | $\frac{1}{2}$ ... ..                  | 11 4         |
| 2 ... ..                             | 8 6          | 2 ... ..                              | 12 0         |
| 2 $\frac{1}{2}$ ... ..               | 9 0          | 2 $\frac{1}{2}$ ... ..                | 12 8         |
| 2 $\frac{1}{2}$ ... ..               | 9 6          | 2 $\frac{1}{2}$ ... ..                | 13 4         |
| 2 $\frac{1}{2}$ ... ..               | 10 0         | 2 $\frac{1}{2}$ ... ..                | 14 0         |

$\frac{1}{2}$  5-16, 3-8, 7-16, advance 6d. per  $\frac{1}{2}$  inch per Gross.

$\frac{1}{2}$  ... 8d. ...

With six-sided Nuts, 1s. 6d. per Gross extra.

**Bolts, Black**—5-8,  $\frac{1}{2}$ , 7-8, and all above d., per lb.

Ditto with six-sided Nuts, extra, ...

**Coach Bolts** with turned Heads, 3-8 inch and upwards d., ...

**Set Screws**,  $\frac{1}{2}$ , 3s. 3d.; 5-16, 3s. 9d.; 3-8, 4s. 3d.; 7-16, 5s. 6d.;

$\frac{1}{2}$ , 6s. 6d., per Gross,

## PRICES OF WOOD SCREWS.

|                             |                 |         |
|-----------------------------|-----------------|---------|
| 5-16 Screws, Square Heads,  | Six-Sid. Heads, | per lb. |
| 5-8 and 7-16 do.,           | ...             | ...     |
| $\frac{1}{2}$ and 9-16 do., | ...             | ...     |
| 5-8 and $\frac{1}{2}$ do.,  | ...             | ...     |

## BRUSHES.

|                           |      |      |      |      |      |     |      |      |           |  |
|---------------------------|------|------|------|------|------|-----|------|------|-----------|--|
|                           |      | 9s.  | 10s. | 11s. | 12s. | 6d. | 14s. | 16s. | } per doz |  |
| <b>Broom Heads, No. 1</b> |      | 2    | 3    | 4    | 5    | 6   |      |      |           |  |
| 18s.                      | 20s. | 23s. | 26s. | 32s. |      |     |      |      |           |  |
| 7                         | 8    | 9    | 10   | 12   |      |     |      |      |           |  |

|                                |  |     |     |      |      |      |      |      |     |
|--------------------------------|--|-----|-----|------|------|------|------|------|-----|
|                                |  | 7s. | 8s. | 10s. | 11s. | 12s. | 14s. | 16s. | ... |
| <b>Banister Brushes, No. 4</b> |  | 5   | 6   | 7    | 8    | 9    | 10   |      |     |

|                               |  |      |      |      |      |      |      |      |      |     |
|-------------------------------|--|------|------|------|------|------|------|------|------|-----|
|                               |  | 12s. | 14s. | 16s. | 19s. | 22s. | 26s. | 30s. | 33s. | ... |
| <b>Whitewash ditto, No. 1</b> |  | 2    | 3    | 4    | 5    | 6    | 7    | 8    |      |     |

If three-rowed, 2s per Dozen extra.

|                                     |      |     |      |      |      |      |      |       |
|-------------------------------------|------|-----|------|------|------|------|------|-------|
|                                     |      | 34s | 32s. | 29s. | 27s. | 23s. | 20s. | } ... |
| <b>Ground Paint ditto, No. 0000</b> |      | 000 | 00   | 0    | 1    | 2    |      |       |
| 15s.                                | 12s. | 9s. | 8s.  | 6s.  |      |      |      |       |
| 3                                   | 4    | 5   | 6    | 7    |      |      |      |       |

|                          |      |         |      |      |      |      |      |      |       |
|--------------------------|------|---------|------|------|------|------|------|------|-------|
|                          | 32s. | 31s.    | 29s. | 27s. | 23s. | 20s. | 15s. | 12s. | } ... |
| <b>Dusters, No. 0000</b> | 0000 | 000     | 00   | 0    | 1    | 2    | 3    | 4    |       |
| 8s. 6d.                  | 7s.  | 5s. 6d. |      | .    | .    | .    | .    | .    |       |
| 5                        | 6    | 7       |      |      |      |      |      |      |       |

|                               |     |      |         |      |      |     |     |       |
|-------------------------------|-----|------|---------|------|------|-----|-----|-------|
|                               |     | 2s.  | 2s. 6d. | 3s.  | 4s.  | 5s. | 6s. | } ... |
| <b>Best Sash Tools, No. 0</b> |     | 1    | 2       | 3    | 4    | 5   |     |       |
| 7s. 6d.                       | 9s. | 12s. | 15s.    | 18s. | 22s. | .   | .   |       |
| 6                             | 7   | 8    | 9       | 10   | 12   |     |     |       |

|                            |     |      |         |     |     |     |     |     |       |
|----------------------------|-----|------|---------|-----|-----|-----|-----|-----|-------|
|                            |     | 2s.  | 2s. 6d. | 3s. | 4s. | 5s. | 6s. | 7s. | } ... |
| <b>Common ditto, No. 1</b> |     | 2    | 3       | 4   | 5   | 6   | 7   |     |       |
| 8s.                        | 9s. | 10s. | 14s.    | .   | .   | .   | .   |     |       |
| 8                          | 9   | 10   | 12      |     |     |     |     |     |       |

|  |      |      |      |      |      |      |      |      |      |     |      |      |      |       |
|--|------|------|------|------|------|------|------|------|------|-----|------|------|------|-------|
| <b>Broom Heads, SUPERIOR quality, No. 00</b> |      |      |      |      |      |      |      |      |      | 8s. | 10s. | 12s. | 14s. | } ... |
|  |      |      |      |      |      |      |      |      |      | 0   | 1    | 2    |      |       |
| 16s.   | 19s. | 22s. | 26s. | 30s. | 33s. | 37s. | 41s. | 45s. | 49s. |     |      |      |      |       |
| 3  | 4    | 5    | 6    | 7    | 8    | 9    | 10   | 11   | 12   |     |      |      |      |       |

**Banister, Whitewash, Water, Round Oil, Ground Paint, Dusters, and common Sash Tools, prices as above.**

**Calico Printers' Elastic Steel and Composition Doctors,**

**Candles,**

**Lamp Cottons and Candle Wick,**

Tape Wick. Solars. Grey Patent. Stout Patent and White Patent. Naptha and Vesta. English Turkey. Best Lamp and Burner Cotton, Grey and Bleached,

**Chain, Best Iron Jack and Traverse,**

Ditto, Steel, Brass, or Copper, any size to order,

Ditto, Short Link Coll,

**Chisels, Cast Steel, Cold Chipping,**

**Crabs, Cranes, and Hoists,**

**Crank Drill Braces,**

**Crank Planing Machines,**  
**Cutlery.**—POCKET, PEN, and TABLE CUTLERY; also Razors  
 and Scissors supplied to Pattern or Order, of the *Best Quality*,  
**Improved Locomotive Cylinder Boring Machines,**

### CONTRACTORS' TOOLS.

**Portable Steam Engines,**  
**Portable Smiths' Forges,**  
**Earth Waggon,**  
**Barrows,**  
**Contractors' Rails,**  
**Patent Screw Jacks,**  
**Crabs, Single and Double,**  
**Travelling Hoisting Machines,**  
**Metal Blocks, and Tackle Falls,**  
**Saw-mill Apparatus and Gearing,**  
**Cast Steel Circular Saws, WARRANTED,**  
**Belting, Gutta Percha and Leather,**  
**Grindstones,**  
**Sledge Hammers,**  
**Hand Hammers, Wedge and Adjusting,**  
**Crow Bars, Iron Wedges, Steel-borers, Chains,**  
**Slings, &c.,**  
**Picks and Shovels,**  
**Anvils, (Rail Dressing,) Levers for raising Rails, Gauges**  
**for adjusting Chairs, Adjusting Mallets, Chisels,**  
**Squares, Iron Chasers, Rammers, Levels, &c.,**  
**Bolts, Spikes, and Wood Screws,**  
**Augurs,**  
**Strong Gravel Riddles, 18 inches diameter,**  
**Strong Lime Screens, 48 by 30 inches,**

**Coke Bags, Best Hemp, free from Jute,** . . . per doz  
**Coke Baskets,** . . .  
**Cotton Waste, Best White, Best Grey, Best Coloured,** per cwt.

### CARRIAGE FURNITURE.

**First Class Handles, Brass Plated, on Wrought Iron,** per pair,  
**Long Drop Commode, Ditto, do.** ...  
**Second Class Handles, Solid Brass Stiff, complete, with**  
 Spring Catch and Iron Staple, ...  
**Third Class do. do. do. with Brass Staple,** ...  
**Spring Boxes for Fall-down Handles, First Class  $\frac{1}{2}$ , 7-8, 1, and**  
 $1\frac{1}{2}$  inch., . . . per doz

**Brass Flush Handles,** . . . . . per doz.

**Brass Hinges,** Extra Strong, for First Class Carriages, 3 by  
1½, 2½ by 1½, 1½ by 1½, 1½ by 1½, measured when shut, per doz. pair

**Brass Hinges** for Second Class, 3 in. Joint by 3 in., 3½ in.  
by 4 in., measured when open, . . . . .

*Also any other Size to Order.*

**Boot Door Locks,** with Brass Bolt, per doz., Keys for do., per doz.

**Glass String Plates,** 3 by 1½ in., . . . . .

**Best Ivory Slides** for Carriage Windows, . . . . .

**Brass Brackets** in Sets of 3 for Curtain Rods, . . . . . per doz. sets

**Best Ivory Knobs and Roses** for ditto., . . . . . per doz.

Ditto, ditto, with Brass Plates, . . . . .

Ditto, ditto, all Brass, . . . . .

**Brass Beading** for Carriages of all kinds.

### CARRIAGE TRIMMINGS, &c.

BEST BROAD DRAB and BLUE CLOTHS, 56 to 60 in. wide, per yard

BRUSSELS CARPET, . . . . .

WAX CLOTH, . . . . .

ROOFING WAX CLOTH, . . . . .

BROAD LACE, . . . . .

CORD LACE, . . . . .

PASTING LACE, . . . . .

GREEN and CRIMSON SILK CORD, . . . . .

GREEN and CRIMSON SILK TASSELS, . . . . . per doz.

DRAB and BLUE CUT TUFTS, . . . . . per gross

THREAD, DRAB and WHITE, . . . . . per lb.

CANVAS for SHEETS, . . . . . per yard

Ditto, for GLUEING, . . . . .

DOWLAS, . . . . .

GREY CLOTH, . . . . .

CURLED HAIR, No. 0, 1, 1½, 2, 2½, 3, . . . . . per lb.

### COPPER.

**Brasiers' Sheet Copper** of the Ordinary Sizes, 16 oz. p. sq.  
foot, and above, . . . . . per lb.

Do., do., do., of the do., do., 12 oz. and

15 oz. p. sq. foot, . . . . .

Do., do., do., of unusual dimensions—extra. . . . .

**Copper Bolts,** ½ inch, . . . . .

Do. do. 5-8 inch and upwards, . . . . .

**Locomotive Copper Plates** of rectangular shape, equal  
all over in substance, . . . . .

Do. do. do. of rectangular shape of two  
substances, . . . . .

Do. do. do. cut to pattern out of rec-  
tangular shape, whether of  
equal substance, or two sub-  
stances, . . . . .

without flanges.

|  |  |          |
|--|--|----------|
| <b>Locomotive Copper Plates</b> , rectangular, or cut to pattern out of rectangular shape, whether of equal substance, or two substances, with flanges turned, . . .           |  | per lb.  |
| <b>Tile and Ingot Copper</b> , . . .   |  | per cwt. |
| <b>Copper Rivets</b> , . . .   |  | per lb.  |
| <b>Copper Washers</b> , . . .  |  | ...      |
| <b>Wrought Copper Boat Nails</b> , $\frac{1}{2}$ , 5-8, $\frac{3}{4}$ , 7-8, 1, $1\frac{1}{2}$ , $1\frac{1}{2}$ , $1\frac{1}{2}$ , 2 to $3\frac{1}{2}$ , 4, and upwards, . . . |  |          |
| <b>Wrought Copper Deck Nails, Spikes, &amp;c.</b> , 1 to 6 in. with Rose, Flat, or Deck Heads, Dump, Sharp, or Flat Points, and Roves to suit, . . .                           |  | ...      |
| <b>Wrought Copper Tacks</b> , 1 inch, and smaller, . . .   |  | ...      |
| <b>Copper Tube</b> , . . .   |  |          |
| <b>Copper Wire</b> , to No. 20, W.G. . . .   |  | ...      |
| <b>Copper Boiler Tubes, and Feed Pipes</b> , . . .   |  | ...      |
| <b>Carriage and Waggon Axle Box Covers.</b>  |  |          |
| <b>Carriage Couplings</b> , with Right and Left Screws, ENGINE-CUT Square Threads, . . .   |  |          |
| <b>Carriage Mops</b> , . . .   |  |          |
| <b>Coupling and Side Chains</b> , . . .  |  | per cwt. |
| <b>Cramps</b> , Joiners and Railway, Black and Bright, . . .   |  |          |
| Improved Flooring and Bench Cramps, . . .  |  |          |
| <b>Deck Screws</b> , . . .   |  | per cwt. |
| <b>Drilling Machines</b> , . . .   |  |          |
| <b>EMERY, PATENT EMERY, and GLASS CLOTH, &amp;c.</b>   |  |          |
| <b>Genuine Turkey Corn Emery</b> , Nos. 0 to 7, . . .  |  | per cwt. |
| <b>English Emery</b> do do. . . .  |  | ...      |
| <b>Genuine Turkey Emery</b> do. in 7 lb. Packets, . . .  |  | ...      |
| Ditto <b>Flour</b> do. for cleaning Cutlery, &c., in $\frac{1}{2}$ , $\frac{1}{2}$ , and 1 lbs. . . .  |  |          |
| <b>Genuine Flour Emery</b> in casks, . . .   |  | ...      |
| <b>Best Stamped Patent Emery Cloth</b> , Nos. O, FF, F, 1, $1\frac{1}{2}$ , 2, 2 $\frac{1}{2}$ , 3, and 4, . . .   |  | per ream |
| <b>Best Stamped Patent Glass Cloth</b> , Nos. O, F, 1, $1\frac{1}{2}$ , 2, 2 $\frac{1}{2}$ , 3, and 4, . . .   |  | ...      |
| <b>Best Stamped Cabinet Glass Paper</b> , Nos. FO, SO, O, F, I, FI, SI, $1\frac{1}{2}$ , F2, M2, S2, 2 $\frac{1}{2}$ , and 3, . . .  |  | ...      |
| <b>Blue Emery Paper</b> , best, . . .  |  | ...      |
| <b>Brown Emery Paper</b> , best, Nos. O, F, 1, 2, and 3, . . .   |  | ...      |
| <b>Sand Paper</b> , red or white, . . .  |  | ...      |
| (Sand Paper is not divided into numbers.)  |  |          |

**Edge Tools.**—Light Edge Tools. Cast Steel Chisels and Gouges. Cast Steel Turning Chisels and Gouges. Best Round Shouldered Yellow Print Cutters' Tools. Print Cutters', Engravers', and Carving Tools. Common Firmer Chisels and Gouges. Mortice Chisels. Cast Steel Plane Irons. Soft Irons. Socket Chisels and Gouges. Coopers' Jointer Irons. Drawing Knives. Cast Steel Spokeshave Irons,

Discount per cent.

**Heavy Edge Tools.**—Augurs. Bruzzes. Tap and Bung Boreers. Trowels. Bills. Hoes. Axes. Adzes. Hatchets. Choppers. Mincing and Cheese Knives. Tanners' and Curriers' Knives. Saddlers' Knives. Ship Scrapers. Hammers. Hammer Heads.

Discount per cent.

**Embossing Presses,** with Dies to Order, . . .

**Engine Waste.** White, Grey, and Coloured, . . .

**England's Patent Lifting and Traversing Screw Jacks,**

**Fans, Blowing,** any size to order, . . .

**Files,** Improved Cast Steel, Engineering and Machine, . . .

List Prices. Discount per cent.

**Fire Engines,** Improved Portable, Single and Double, . . .

**Forges,** Patent Portable, with wrought Tue Iron, &c., Complete. No. I., 18 inch Bellows, 125s. No. II., 20 inch Bellows, 138s.

Mounted upon 4 Wheels, . . . 6s. extra.

Pair of Vice attached, . . . 15s. do.

**Foundry Riddles,** 18 inch Diameter, . . . per doz.

**Patent Galvanized Iron,** In Sheets, Plain and Corrugated, . . .

... .. Rain Water Gutter and Pipe

Heads, &c., . . .

... .. Water Buckets, Pails, Coal

Scuttles, &c., . . .

... .. Nails, Rivets, Wood Screws, and

Spikes, . . .

... .. Chains, Ship Bolts, and Fastenings,

... ..

... .. Sail Thimbles, . . .

... .. Iron Hurdles and Fencing,

... .. Wire and Wire Work, Hinges, &c.,

**Garden Engines,** . . .

**Gauges,** Circular Stepped, . . .

**Gauge Glasses** for Locomotive and other Boilers. Best

German, Warranted, any Length or Diameter, . . .

**Gentlemen's Tool Chests,** Fitted up Complete, . . .

**Gig and Carriage Lamps,** . . .

|                           |                       |   |   |   |       |          |
|---------------------------|-----------------------|---|---|---|-------|----------|
| <b>GLUE,</b>              |                       |   |   |   |       | per cwt. |
| FINE SCOTCH,              | .                     | . | . | . | No. 1 | ...      |
| Do.                       | .                     | . | . | . | 2     | ...      |
| BEST TOWN,                | .                     | . | . | . |       | ...      |
| 2nd Do,                   | .                     | . | . | . |       | ...      |
| IRISH,                    | .                     | . | . | . |       | ...      |
| RUSSIAN,                  | .                     | . | . | . |       | ...      |
| <b>GREASE,</b>            |                       |   |   |   |       | ...      |
| ... YELLOW RAILWAY,       | .                     | . | . | . |       | ...      |
| ... WHITE                 | .                     | . | . | . |       | ...      |
| ... ANTIFRICTION,         | .                     | . | . | . |       | ...      |
| ... BLACK LEAD,           | .                     | . | . | . |       | ...      |
| <b>Grindstones,</b>       | Newcastle and Scotch, | . | . | . |       | ...      |
| <b>Grease Box Covers,</b> | Iron and Brass,       | . | . | . |       | ...      |
| <b>Grain Sacks,</b>       | .                     | . | . | . |       | ...      |

## GLASS.

|   |   |   |
|---|---|---|
| <b>Patent Plate, Sheet, and Crown Glass,</b>  | . | . |
| <b>Coloured Glass,</b> Ruby, Blue, Purple, and Green,   | . | . |
| <b>Stained Glass,</b> Red, Orange, and Yellow,  | . | . |
| <b>Ground and Polished Focus Lenses.</b> White, Green,  | . | . |
| Blue, and Ruby,   | . | . |
| <b>Concave Convex Lenses</b> of the Best Make and Colour,                                     | . | . |
| <b>French Chimneys, GLASS GLOBES, DECK LIGHTS,</b>  | . | . |
| <b>Roof Lamp Glasses,</b>   | . | . |
| <b>Best German Glass Gauge Tubes</b> for Locomotive and<br>other Boilers, <i>Warranted,</i>   | . | . |
| <b>Hair Seating</b> and Curled Hair,  | . | . |
| <b>Hair Sieves,</b> 4, 5, 6, 7, 8, 9, 10, 11, 12, 13 inches, per doz.                         | . | . |
| BLACK,  | . | . |
| WHITE,  | . | . |
| LAWN,   | . | . |
| All kinds of <b>Tool Handles</b> Turned to Order.   |   |   |
| <b>Best Hardwood File Handles,</b> with assorted Ferrules, per gross                          | . | . |
| <b>Hammers.</b> Manufactured expressly for Engineers,   | . | . |
| <b>Hammer Shafts,</b>   | . | . |
| <b>Hendry Brothers'</b> Improved Safety Draw-Hook for Guards'                                 | . | . |
| Vans, Break Trucks, &c.,  | . | . |
| Ditto do. Improved Safety Commode Handle, for<br>Railway and other Carriages,                 | . | . |
| <b>Hinges.</b> Wrought Iron, and Brass,   | . | . |
| All kinds of <b>Butt, T, H, HL, Table and Back Flap Hinges,</b><br>to pattern or description, | . | . |
| <b>Horse Box Fasteners,</b>   | . | . |



|  |  |   |   |   |
|--|--|---|---|---|
| <b>Hose Pipe.</b> —Leather, Copper Rivetted, | .  | . | . | . |
| Ditto  | Vulcanized India Rubber for Steam, or Hot Water, | . | . | . |
| Ditto  | Gutta Percha,                                    | . | . | . |
| Ditto  | Patent Canvas,                                   | . | . | . |
| Ditto  | Union Joints,                                    | . | . | . |

**IRON.**

|  |                                    |             |                 |          |
|--|------------------------------------|-------------|-----------------|----------|
| <b>Scotch Bars</b> , Flat, Round, and Square,          | .                                  | .           | .               | per cwt. |
| BEST,  | per cwt. extra;                    | BEST CABLE, | per cwt. extra, |          |
| EXTRA B. BEST,   | per cwt. extra;                    | RIVET,      | per cwt. extra, |          |
| <b>Boiler Plates</b> , under 3 cwt.                    | each                               | .           | .               | ...      |
| BEST,  | per cwt. extra;                    | EXTRA BEST, | per cwt. extra, |          |
| <b>Sheets</b> ,  | .                                  | .           | .               | ...      |
| <b>Angle Iron</b>                                      | .                                  | .           | .               | ...      |
| <b>T Iron</b> ,  | .                                  | .           | .               | ...      |
| <b>Tyre Bars</b> , under 3 cwt. each,                  | .                                  | .           | .               | ...      |
| <b>Nail Rods</b> and Casement Iron,                    | .                                  | .           | .               | ...      |
| <b>Furnace Bar Iron</b> ,                              | .                                  | .           | .               | ...      |
| <b>Tyne Bar Iron</b> ,                                 | .                                  | .           | .               | ...      |
| <b>Best Scrap Bars</b> ,                               | .                                  | .           | .               | ...      |
| <b>Best Staffordshire Boiler Plates</b> , under 3 cwt. | .                                  | .           | .               | ...      |
| Ditto do.  | <b>Tyre Bars</b> , under 3 cwt.    | .           | .               | ...      |
| Ditto do.  | <b>Sheets</b> ,                    | .           | .               | ...      |
| <b>Leeds Bars</b> ,                                    | .                                  | .           | .               | ...      |
| Ditto  | BOILER PLATES, under 2½ cwt. each, | .           | .               | ...      |

**SCRAP IRON FORGINGS.**

|   |                                     |               |   |     |
|---|-------------------------------------|---------------|---|-----|
| <b>Railway Axles</b> , under 3 cwt. each,       | .                                   | .             | . | ... |
| Ditto do.                                       | 3 to 4 cwt.                         | .             | . | ... |
| Ditto do.                                       | 4 to 6 cwt.                         | .             | . | ... |
| Ditto do.                                       | Swaged with Collars, extra per cwt. | .             | . | ... |
| <b>Locomotive Double Crank Axles</b> ,          | .                                   | .             | . | ... |
| Ditto   | Engine Frame Work,                  | .             | . | ... |
| <b>Best Hammered Scrap Tyres</b> , under 3 cwt. | .                                   | .             | . | ... |
| Ditto do.                                       | do.                                 | 3 to 4 cwt.   | . | ... |
| Ditto do.                                       | do.                                 | 4 to 6 cwt.   | . | ... |
| Ditto do.                                       | do.                                 | 6 to 10 cwt   | . | ... |
| <b>Wheel Spokes and Washers</b> ,               | .                                   | .             | . | ... |
| <b>Piston Rods</b> , Swaged, to 5 cwt.,         | .                                   | .             | . | ... |
| Ditto Do.                                       | Do                                  | 5 to 10 cwt., | . | ... |
| <b>Moulds, Share, Hammer and Arm</b> ,          | .                                   | .             | . | ... |
| <b>Anchor Shafts, Stocks, and Flukes</b> ,      | .                                   | .             | . | ... |
| <b>Ship Knees</b> ,                             | .                                   | .             | . | ... |
| <b>Paddle and Intermediate Shafts</b> ,         | .                                   | .             | . | ... |
| <b>Cross Heads</b> ,                            | .                                   | .             | . | ... |

**Cranks,** . . . . . per cwt.  
**Buffer Plates,** . . . . .  
**Chequered Foot Plates,** . . . . .  
**Small uses** of every description made to Sketch or Pattern, price according to Weight, . . . . .

**LOWMOOR and BOWLING IRON,** as per L. M. List.

|  |  |
|--|--|
| <p><b>MARK</b> per cwt.<br/> <b>LOW MOOR</b> Bars, flat, round, or square, under 2½ cwt.<br/>         " Under 3 cwt.<br/>         " 4 cwt.<br/>         " 5 cwt.<br/>         " 6 cwt.<br/>         " 7 cwt.<br/>         " 8 cwt.<br/>         " 9 cwt.<br/>         " Flat rolled Rods 1 X ½ and upwards,<br/>         " " under 1 X ½<br/>         " Rolled Sq Rods 3-16 to 7-16<br/>         " Round Rods 9-16 &amp; ½<br/>         " " 7-16 &amp; 3-8<br/>         " " 5-16<br/>         " " ½<br/>         " " 3-16<br/> <b>L M M</b> Bars and Rods, round, flat, or square, 3s per cwt. extra on the above sizes.<br/> <b>L M B</b> Bars and Rods, 6s. per cwt. extra.<br/> <b>BOILER PLATES,</b> stamped <b>LOW MOOR</b>—<br/>         Under 2½ cwt. each Plate,<br/>         2½ cwt. and under 3 cwt.<br/>         3 cwt. and under 3½ cwt.<br/>         3½ cwt. and under 4 cwt.<br/>         4 cwt. and under 4½ cwt.<br/>         4½ cwt. and under 5 cwt.<br/>         Above 5 cwt.<br/>         All Plates differing from a square form, or regular taper, 2s. per cwt. extra.<br/> <b>L</b> Iron, equal and unequal sides,<br/> <b>T</b> Iron, all sizes,<br/>         Rivet Iron, 5-8 and upwards,<br/>         " 9-16 and ½,<br/>         " 7-16 and 3-8,<br/>         " 5-16,<br/>         " ½,<br/>         " 3-16,</p> | <p>per cwt.<br/> <b>LOCOMOTIVE TIRE BARS,</b> hammered and rolled to any length, not less than 8 feet 6 inches, stamped <b>LOW MOOR</b> on the outer rim—<br/>         Under 3 cwt.,<br/>         3 cwt. and under 4 cwt.,<br/>         4 cwt. and under 5 cwt.,<br/>         5 cwt. and upwards,<br/> <b>LOCOMOTIVE TIRE BARS,</b> planished, 2s. per cwt. extra<br/> <b>LOCOMOTIVE AXLES,</b> swaged with Collars, or to Sketch, stamped <b>LOW MOOR</b>—<br/>         Under 3 cwt.<br/>         3 cwt. and under 4 cwt.<br/>         4 cwt. and under 5 cwt.<br/>         5 cwt. and upwards,<br/> <b>Plain Axles</b> 2s. per cwt. less than Collared Axles.<br/> <b>Locomotive Double Crank Axles</b> to 20 cwt., rough from the forge<br/>         Ditto do. rough turned,<br/> <b>Piston Rods,</b> swaged to any dimensions, according to weight,<br/>         Uses of all descriptions, according to weight,<br/> <b>Teazle Rods,</b> hollow and oval,<br/> <b>Horse Nail Rods,</b> all sizes, rolled,<br/> <b>Plates, Singles,</b> 11 to 17, W. G.<br/>         " Doubles, 18 to 23,<br/>         " Lattin, 24 to 26,<br/> <b>Slippers and Sock Bars,</b><br/> <b>Moulds, Share, Hammer, and Arm,</b><br/>         " Triangular,<br/>         " Round or Skef Plates,<br/> <b>Hoops,</b> 1 in. broad and upwards<br/>         " 7 8 and 3-4 broad,<br/>         " 5-8 and ½,<br/> <b>Sash Iron,</b> . . . . .<br/> <b>Buffer Plates,</b> . . . . .</p> |
|--|--|

**IRON CASTINGS.**

**Gas and Water Pipes** all Sizes. **BENDS, BRANCHES, &c.,**  
**Switch Boxes, Locomotive Engine Cylinders,**  
**Engine and Carriage Plumber Boxes,** and all other Castings used in the construction or repair of Engines, Carriages, and Waggon,

- Balustrades**, Plain and Ornamental, . . . .  
**Railway Chairs**, Single, Joint, and Switch, . . . .  
**Name and Number Plates**, . . . .  
**Iron Umbrella Stands, Iron Door Porters, Iron Gas Tripod Stands**, . . . .  
**Inkstands**.—Berlin Iron, Artistic Bronze, and Gutta Percha, . . . .  
**Wrought Iron Safes and Book Cases**, with Double Doors, Fireproof, fitted with Drawers, Shelves, and Partitions for Books, &c., . . . .  
**Jacks**.—England and Co.'s Patent Lifting and Traversing for Engines and Carriages, . . . .  
 Ditto Haley's and Gladstone's Patents, . . . .  
 Ditto Patent Hydraulic, . . . .  
 Ditto Ship Jacks in Sets, . . . .  
**Jackson's Patent Rolled Tyres**, . . . .  
**Joiners' Tools**.—Squares, Mitre Squares, Bevils, Boat-Builders' Bevils, Beechwood, Boxwood, Ebony, or other Fancy Hardwood, Spokeshaves with Cast-Steel Irons, Cutting and Marking Gauges, Mortice Gauges, Turn Screws, Turning Saws and Frames, Saw Pads, Hand Pads, Saw Sets, Spirit Levels, Scrapers, &c., Wood or Iron Braces, with Bits complete, Brace Bits, Centre Bits, Nose and Shell Bits, Chain, Brush, and Coopers' Dowling Bits, Augurs, Tap, and Bung Borers, Gimlets, &c., Screw Boxes and Taps complete; Wheelers' Rounders. Discount per cent., . . . .  
**Knives**.—Spinners', Reelers', and Hecklers' Knives made to order, . . . .

## LAMPS.

*The Iron-Fittings as may be desired.*

- Registered Station Signal Lamp**, with Argand Burner, Ruby, Green, and White Lenses, and best Silvered Parabolic Reflectors, . . . .  
**Auxiliary or Distant Signal Lamp**, with Ruby and White Lenses, and Improved Disc for Day Signal, . . . .  
**Gate or Road Crossing Signal Lamp**, with Two Ruby and Two White Lenses, . . . .  
**Registered Drop Roof Lamp**, with Plain or Radiated Reflector, . . . .  
**Large Drop Roof Lamp**, with Plain or Radiated Reflector, . . . .  
**Registered Tail Lamp**, with 8 in. Ruby Plate Glass, and Parabolic Reflector, . . . .  
**Engine Head Lamp**, with Argand Burner, Best Silver Parabolic Reflector, . . . .  
**Buffer Beam Signal Lamp**, White Lense, and Blue and Green Plate-Glass Slides, . . . .  
**Large Double Engine Tender Lamp**, with best Silvered Cone Reflectors, Red and White Plate Glass, . . . .  
**Small Double Engine Tender Lamp**, . . . .

|   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|
| <b>Double Side Signal Lamp,</b>             | with Ruby and White Focus Lense and Plate Glass Slide,  | . | . | . | . | . |
| <b>Improved Side Signal Lamp,</b>           |   | . | . | . | . | . |
| <b>Double Engine Gauge Lamp,</b>            |   | . | . | . | . | . |
| <b>Single Engine Gauge Lamp,</b>            | with Red Glass to revolve,  | . | . | . | . | . |
| <b>Tricoloured Guard's Lamp,</b>            | with Slides on the Top,   | . | . | . | . | . |
| <b>Registered Tricoloured Guard's Lamp,</b> | with Ruby and Green Lense, and best Plate Glass in front,   | . | . | . | . | . |
| <b>Policeman's Lamp,</b>                    | Tricoloured,  | . | . | . | . | . |
| <b>Ticket Collector's Lamp,</b>             |   | . | . | . | . | . |
| <b>Porter's Hand Lamp,</b>                  |   | . | . | . | . | . |
| <b>Station or Platform Lanterns,</b>        | with Iron Brackets for Gas or Oil, to any Design,   | . | . | . | . | . |
| <b>Office Table Lamps,</b>                  | with Bronze Pillar and Tin Japanned Solar Heads,  | . | . | . | . | . |
| <b>Reading Lamp,</b>                        | Tin Japanned to Slide,  | . | . | . | . | . |
| <b>Table Lamps,</b>                         | for Board Rooms,  | . | . | . | . | . |
| <b>Platform Lamps,</b>                      |   | . | . | . | . | . |
| <b>Back Lamps</b>                           | for Passages,   | . | . | . | . | . |
| <b>Improved Back Lamp,</b>                  | with Best Silvered Reflector, so formed as to shew a most powerful light on either side, in front, and downwards, | . | . | . | . | . |
| <b>Gas Pendants,</b>                        | Brackets, Burners, Unions, and Fittings of every description,   | . | . | . | . | . |
| <b>Chandeliers and Ship Lamps,</b>          | for Oil or Candles, in great variety,   | . | . | . | . | . |
| <b>Steam Boat Signal Lamps,</b>             |   | . | . | . | . | . |
| <b>Lamp Cotton</b>                          | of all kinds,   | . | . | . | . | . |
| <b>Lamp Scissors</b>                        | of the Best Steel, 6 inches long,   | . | . | . | . | . |
| <b>Lamp Fittings</b>                        | of all kinds, REFLECTORS, &c.,  | . | . | . | . | . |
| <b>LENSES,—</b>                             |   | . | . | . | . | . |

Ground and Polished Focus and Concave Convex Lenses, White, Green, Blue, and Ruby, of the best make and colour,

## LOCOMOTIVE FURNISHINGS.

|   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|
| <b>Brass Boiler Tubes,</b>  | . | . | . | . | . | . |
| Do. Dome and Valve Covers,  | . | . | . | . | . | . |
| Do. and Gun Metal Alarm and Break Whistles,                                   | . | . | . | . | . | . |
| Do. Heating Cylinder, Pet, Gauge, and Blow-off Cocks,                         | . | . | . | . | . | . |
| Do. Gauge Stands,   | . | . | . | . | . | . |
| Do. Syphons and Oil Cups,   | . | . | . | . | . | . |
| Do. Ball Valves,  | . | . | . | . | . | . |
| Do. Feed Pipes with Ball and Socket joints, Telescopic ends and Stuffing Box, | . | . | . | . | . | . |
| Do. Gun Metal and Patent Metal for Bushes,                                    | . | . | . | . | . | . |

|   |   |  |               |   |
|---|---|--|---------------|---|
| <b>Cast Steel</b>   | Motion Bars and Piston Rods,              | .                                      | .             | . |
| Do.   | Crank Pins, Steel Ferrules, &c.,          | .                                      | .             | . |
| <b>Copper</b>   | Fire Boxes,                               | .                                      | .             | . |
| Do.   | Feed Pipes,                               | .                                      | .             | . |
| <b>Engine and Tender Springs,</b>   | Warranted,                                | .                                      | .             | . |
| <b>Fire Shovels, &amp;c.</b>  | .   | .                                      | .             | . |
| <b>Glass Gauge Tubes,</b>   | .   | .                                      | .             | . |
| <b>Low Moor and Bowling Iron</b>  | Boiler Plates,                            | .                                      | .             | . |
| Ditto   | ditto                                     | Tyre Bars,                             | .             | . |
| Ditto   | ditto                                     | Axles Swaged with Collars,             | .             | . |
| Ditto   | ditto                                     | Crank Axles,                           | .             | . |
| Ditto   | ditto                                     | Locomotive Uses of all descriptions,   | .             | . |
| Ditto   | ditto                                     | Bolts for Locomotive Frames,           | .             | . |
| Ditto   | ditto                                     | Tyre Bolts Turned,                     | .             | . |
| <b>Patent Vulcanized</b>  | India Rubber Hose Pipes and Washers,      | .                                      | .             | . |
| <b>Salter's Patent</b>  | Indicators of the Pressure of Steam,      | .                                      | .             | . |
| <b>Tank Rivets</b>  | of all Kinds,                             | .                                      | .             | . |
| <b>Tender Trunk Locks,</b>  | 3 Locks, with 4 Keys to pass, with strong | .                                      | .             | . |
|   | Hinge Hasps,                              | .                                      | .             | . |
| Ditto   | ditto                                     | 2 Locks and 3 Keys to pass, and ditto, | .             | . |
| Best Best Extra Strong Wrought-Iron Hinges for Tenders, 2½ in. each Flap, |   |  |               |   |
|   | Single Joint,                             | .                                      | .             | . |
| Ditto   | ditto                                     | ditto                                  | Double Joint, | . |

## LANCASHIRE TOOLS.

|   |            |   |   |
|---|------------|---|---|
| Callipers, Compasses, Dividers, Tongs, Nippers,         | .          | . | . |
| Pliers, Saw Frames, Shears, Brace and Bits,             | .          | . | . |
| Screw Stocks and Dies, Screw Plates, Vices, Gauges, &c. | .          | . | . |
| Discount  | per cent., | . | . |

## LEAD.

|  |   |   |   |   |   |          |
|--|---|---|---|---|---|----------|
| Pig and Bar Lead,  | . | . | . | . | . | per cwt. |
| Sheet Lead,  | . | . | . | . | . | ...      |
| Lead Pipes,  | . | . | . | . | . | ...      |
| Composition Pipes,   | . | . | . | . | . | ...      |
| Patent Shot,   | . | . | . | . | . | ...      |
| Mould Shot,  | . | . | . | . | . | ...      |
| Dry White Lead,  | . | . | . | . | . | ...      |
| Genuine White Paint,   | . | . | . | . | . | ...      |
| Orange Lead,   | . | . | . | . | . | ...      |
| Fine Red Lead,   | . | . | . | . | . | ...      |
| Glassmakers' Red Lead,   | . | . | . | . | . | ...      |
| Litharge Flake,  | . | . | . | . | . | ...      |
| Ditto Ground,  | . | . | . | . | . | ...      |
| <b>Black Lead,</b>   | . | . | . | . | . | ...      |
| MEXICAN BLACK LEAD $\mathcal{A}$ in Bulk, as imported,                     |   |   |   |   |   | ...      |
| BEST BLACK LEAD in Packets of ¼ oz., 1 oz., 2 oz., 4 oz., 8 oz., and lbs., |   |   |   |   |   | ...      |

|   |                        |   |   |   |   |          |
|---|------------------------|---|---|---|---|----------|
| <b>Naples Lustre</b> , in Packets,  | .                      | . | . | . | . | per cwt. |
| <b>Alfred's Do.</b>   | do.                    | . | . | . | . | ...      |
| <b>Peruvian Do.</b>   | do.                    | . | . | . | . | ...      |
| <b>Lambert's Patent Diaphragm Safety Valve Taps and Improved Water Closets,</b>   |                        |   |   |   |   |          |
| <b>Linley's Patent Double Blast Bellows, Blowing Machines, and Portable Forges,</b>   |                        |   |   |   |   |          |
| <b>Locks.</b> —All kinds of Rim, Mortice, Dead Drawback, Pad, Cupboard, Chest and Drawer Locks, in Iron or Brass, made in suit, to differ, and with Master Keys, to pass, and double lock, if required, |                        |   |   |   |   |          |
| <b>Ladles.</b> —Wrought Iron for Foundries,   |                        |   |   |   |   |          |
| Ditto   | Hand do. for Lead, &c. | . | . | . | . | .        |
| <b>Letter Copying Machines.</b>   |                        |   |   |   |   |          |

### LEATHER.

|  |   |   |   |   |   |   |
|--|---|---|---|---|---|---|
| Cash Bags,   | . | . | . | . | . | . |
| Guards' Belts,   | . | . | . | . | . | . |
| Horse Head Collars,  | . | . | . | . | . | . |
| Glass Straps, Hat Strings, Door Straps, &c,  | . | . | . | . | . | . |
| Morocco, Morone, and Calf Skins,   | . | . | . | . | . | . |
| Strap Butts and Roller Leather,  | . | . | . | . | . | . |
| Buffalo Hides,   | . | . | . | . | . | . |
| Elephant, Hippopotamus, and Walruss,   | . | . | . | . | . | . |
| White Leather, Picking Bands, Laces, &c.,  | . | . | . | . | . | . |
| Buffalo Hide Skips and Pickers,  | . | . | . | . | . | . |
| Engine and Tender-end Buffers,   | . | . | . | . | . | . |
| <b>Engine Buckets, Axle Box Washers,</b>   |   |   |   |   |   |   |
| Carriage Straps, ( <i>Double Leather</i> ),  | . | . | . | . | . | . |
| Carriage Truck Straps,   | . | . | . | . | . | . |
| <b>Mill Belting</b> , Single and Double, Machine Stretched, Copper Rivetted, or Sewed, |   |   |   |   |   |   |
| Best Copper Rivetted Hose Pipes,   | . | . | . | . | . | . |
| Smiths' Aprons,  | . | . | . | . | . | . |
| Chamois Skins,   | . | . | . | . | . | . |

|                                |      |   |   |   |   |   |   |   |             |
|--------------------------------|------|---|---|---|---|---|---|---|-------------|
| <b>Mats,</b>                   | Nos. | 0 | 1 | 2 | 3 | 4 | 5 | 6 | per doz.    |
| Patent Super,                  | .    | . | . | . | . | . | . | . | ...         |
| 2nds,                          | .    | . | . | . | . | . | . | . | ...         |
| <b>Fancy Border Cocoa</b>      |      |   |   |   |   |   |   |   |             |
| Nut Manilla,                   | .    | . | . | . | . | . | . | . | ...         |
| Best Cocoa Rope,               | .    | . | . | . | . | . | . | . | ...         |
| Grass and Hemp,                | .    | . | . | . | . | . | . | . | ...         |
| Sinnot or Chain,               | .    | . | . | . | . | . | . | . | ...         |
| Ditto, do., common,            | .    | . | . | . | . | . | . | . | ...         |
| <b>Out sizes, Patent Mats,</b> |      |   |   |   |   |   |   |   | pr. sq. ft. |
| Ditto, Fancy Border,           | .    | . | . | . | . | . | . | . | ...         |
| Ditto, Cocoa Rope,             | .    | . | . | . | . | . | . | . | ...         |

|   |           |
|---|-----------|
| <b>Cocoa Nut Matting,</b> 24, 30, 36 inches wide,   | per yard, |
| <b>Russia Matting</b>   | ...       |
| <b>Mahogany or Oak Sash Bars, and Wood Mouldings</b> of all kinds, cut by Machinery,  |           |
| <b>Ornamental Metallic Sash Bars, Mouldings, &amp;c.</b> for Shop Fronts, Skylights, and other purposes, in Brass, Zinc, Copper, &c., |           |
| <b>Mercury.</b>   | per lb.   |

### NAILS.

|  |            |
|--|------------|
| <b>Wrought Iron Nails,</b> Rose, Flat Points, Drawing, Fine Clasp, Fine Clout, Pound, Fine Rose, Rose Flemish, Pail, Hobs, Tenter Hook, Battin, Gate, Hurdle, &c., &c., suitable for the various Foreign Markets, as well as for Home Consumption, |            |
| Ditto, CUT NAILS,  |            |
| FINE JOINERS' BRADS,   |            |
| STRONG JOINERS' BRADS,   |            |
| FINE CLOUT, CLASP, and ROSE NAILS,   |            |
| STRONG CLOUT, CLASP, and ROSE NAILS,   |            |
| FINE FLEMISH TACKS,  |            |
| ROUND HEAD PATTEN, or CLOG NAIL,   |            |
| BILLS,   | per cwt.   |
| FINE SHOE BILLS,   |            |
| STRONG ditto,  |            |
| MILITARY BILLS,  |            |
| BEST FINE MILITARY,  |            |
| COPPER BILLS,  |            |
| JAPANNED CLOG PINS,  |            |
| CUT LATH NAILS,  |            |
| FLOOR BRADS,   |            |
| HOOP,  |            |
| SHEET,   |            |
| WROUGHT HEEL TIPS,   | per gross, |
| CAST, ditto,   |            |
| STEEL PINS,  |            |
| BRASS PIN POINTS,  |            |
| CUT SLATE NAILS,   |            |
| CUT TIP NAILS,   |            |
| MALLEABLE SHOE NAILS,  |            |
| COMPOSITION SLATE NAILS,   | per lb.    |
| PATENT MALLEABLE SLATE NAILS,  | per cwt.   |
| Ditto CUT COPPER ditto,  | per lb.    |
| Ditto ditto ZINC ditto,  | ...        |
| Ditto MALLEABLE TINED TACKS, 8, 12, 14 oz.,  |            |
| COMMON ditto, 8, 12, 14 oz.,   |            |
| WROUGHT TINED TACKS, 8, 12, 14 oz.,  |            |

|                                     |   |                                     |                                       |             |
|-------------------------------------|---|-------------------------------------|---------------------------------------|-------------|
| <b>Best Wrought Flemish Tacks,</b>  | 3.8   | $\frac{1}{2}$                       | per m.<br>5-8 in.                     |             |
| <b>Best Fine Wrought Brads,</b>     | $\frac{1}{2}$ 5-8                                     | $\frac{3}{4}$ 7-8                   | 1 $1\frac{1}{2}$ $1\frac{3}{4}$ 2 in. | per m       |
| <b>Ditto Clasp Head,</b>            | 2 3 4 5 6 7 8 10 14 lb.                               |                                     | ...                                   |             |
| Size,...                            | $1\frac{1}{2}$ $1\frac{3}{4}$ 2 $2\frac{1}{4}$        | 2 3-3                               | $2\frac{1}{2}$ 3 in.                  | ...         |
| <b>Ditto Rose Head,</b>             | 2 3 4 6 8 10 14 lb.                                   |                                     | ...                                   |             |
| Size,...                            | 1 3-8 $1\frac{1}{4}$ 2                                | $2\frac{1}{2}$ $2\frac{3}{4}$       | 3 in.                                 | ...         |
| <b>Best Strong Clasp Head,</b>      | 6dy, 8dy, 10dy, 20dy,                                 | per cwt.                            |                                       |             |
| Size,...                            | $2\frac{1}{2}$ $2\frac{3}{4}$ 3 in.                   |                                     |                                       |             |
| <b>Ditto Strong Rose Head,</b>      | $2\frac{1}{2}$ $3\frac{1}{2}$ 4 6.....6dy. 8dy. 10dy. | per m.                              | ...                                   |             |
| Size,...                            | 1 1-8 $1\frac{1}{2}$                                  | $2\frac{1}{2}$ $2\frac{3}{4}$ 3 in. |                                       |             |
| <b>Best Countersunk Head Clout,</b> | 1 $1\frac{1}{2}$ 2 $2\frac{1}{2}$ 3 in.               |                                     | ...                                   |             |
| <b>Weighty Rose-head Spike,</b>     | 4 $4\frac{1}{2}$ 5 $5\frac{1}{2}$ 6 in.               |                                     | ...                                   |             |
| <b>Naptha,</b>                      | .   | .                                   | .                                     | per gallon, |

## OILS, &amp;c.

|                        |   |   |   |   |   |             |
|------------------------|---|---|---|---|---|-------------|
| <b>Oil, Sperm,</b>     | . | . | . | . | . | per gallon, |
| ... Clarified Burning, | . | . | . | . | . | ...         |
| ... Lard,              | . | . | . | . | . | ...         |
| ... Sweet,             | . | . | . | . | . | ...         |
| ... Refined Pale Rape, | . | . | . | . | . | ...         |
| ... Brown Rape,        | . | . | . | . | . | ...         |
| ... Galipoli           | . | . | . | . | . | ...         |
| ... Olive,             | . | . | . | . | . | ...         |
| ... Nut,               | . | . | . | . | . | ...         |
| ... Neat's Foot,       | . | . | . | . | . | ...         |
| ... Pale Southern,     | . | . | . | . | . | ...         |
| ... Seal,              | . | . | . | . | . | ...         |
| ... Cod,               | . | . | . | . | . | ...         |
| ... Northern Whale,    | . | . | . | . | . | ...         |
| ... Train,             | . | . | . | . | . | ...         |
| ... Engine,            | . | . | . | . | . | ...         |
| ... Palm,              | . | . | . | . | . | ...         |
| ... Pine,              | . | . | . | . | . | ...         |
| ... Tar,               | . | . | . | . | . | ...         |
| ... Linseed,           | . | . | . | . | . | ...         |
| ... Boiled,            | . | . | . | . | . | ...         |
| ... Turpentine,        | . | . | . | . | . | ...         |
| <b>Oil Tanks,</b>      | . | . | . | . | . |             |
| <b>Oil Cans,</b>       | . | . | . | . | . |             |



## PAINTS.

|   |                                |                 |
|---|--------------------------------|-----------------|
| <b>Improved Black Paint,</b>                      | for Iron Work, Machinery, &c., | per cwt.        |
| <b>Green Paints Ground in Oil,</b>                | all Shades,                    | ...             |
| <b>Vegetable Lamp Black,</b>                      |                                | per cask,       |
| In Casks of 8 lbs. each,                          |                                | ...             |
| Do. in Packets,                                   |                                | per cwt.        |
| <b>Brunswick Black,</b>                           |                                | per doz.        |
| Pints,  |                                | ...             |
| Half do.,   |                                | ...             |
| <b>Anti-corrosion Paint,</b>                      |                                | per cwt.        |
| White,  |                                | ...             |
| Stone Colour, Light or Dark,                      |                                | ...             |
| Lead or Slate, do. do.,                           |                                | ...             |
| Black,  |                                | ...             |
| Light or Dark Green,                              |                                | ...             |
| Invisible do.,                                    |                                | ...             |
| Chocolate,  |                                | ...             |
| Prepared Oil for Anti-corrosion Paint,            |                                | per gall.       |
| <b>Fine Crocus,</b>                               |                                | per cwt.        |
| <b>Tripoli, 3, 4, 8, and 16 ounce,</b>            |                                | ...             |
| <b>Rotten Stone,</b>                              |                                | ...             |
| Lump,   |                                | ...             |
| Powdered, in Casks,                               |                                | ...             |
| Do. in 4, 8, and 16 ounce packets,                |                                | ...             |
| <b>Pumice Stone,</b>                              |                                | ...             |
| Large Picked,                                     |                                | ...             |
| Small,  |                                | ...             |
| Powdered,   |                                | ...             |
| <b>Putty Powders, Nos. 1, 2, 3, 4,</b>            |                                | per lb.         |
| URN do., Nos. 1, 2, 3,                            |                                | per doz. boxes, |
| STEEL do.,  |                                | ...             |
| ROUGE do.,  |                                | ...             |
| WHITE do.,  |                                | ...             |
| <b>METALLIC POLISHING PASTE, Nos. 1, 2,</b>       |                                | ...             |
| STEEL PROTECTOR,                                  |                                | ...             |
| BOOT POWDER,                                      |                                | ...             |
| HARNESS LIQUID,                                   |                                | per doz. bot.   |
| <b>White Paint,</b>                               | No. 1, 2, 3,                   | per cwt.        |
| <b>Red Lead,</b>                                  |                                | ...             |
| <b>Scott's Patent Anti-corrosive Iron Cement,</b> | for making                     |                 |
| Joints in Steam Engines, Boilers, Pipes, &c ,     |                                |                 |
| <b>Paint Kettles,</b>                             |                                |                 |

## PAPER MILL FURNISHINGS.

| Rags, SPFF,        | per cwt. |
|--------------------|----------|
| ... SPF,           | ...      |
| ... FF,            | ...      |
| ... FX,            | ...      |
| ... FB,            | ...      |
| ... FR,            | ...      |
| ... MFF, or CSPFF, | ...      |
| ... SFX,           | ...      |
| ... FWWS,          | ...      |
| ... FWW,           | ...      |
| ... FWS,           | ...      |
| ... FW,            | ...      |
| ... W,             | ...      |
| ... T,             | ...      |
| ... F,             | ...      |

**Paper Mill** (Common) Steel Plates,

|     |                      |     |     |
|-----|----------------------|-----|-----|
| Do. | (Sykes' <b>(L)</b> ) | do. | ... |
| Do. | (Double Shear)       | do. | ... |
| Do. | (Cast)               | do. | ... |

**Improved Rag Knives, Felt Edging, Driving Bands,  
Gutta Percha and Leather, Gutta Percha Sheets and  
Tubing, Vulcanized India Rubber, Iron and Brass  
Wire Cloth,**

**Matthew's Patent Dispatch Boxes,**

**Wrighton's Patent Elastic Screw Couplings,**

**Patent Felts,** for Ships' Sheathing, Roofing, Lining Damp Walls, and  
for covering Steam Pipes, Boilers, Cylinders, &c.,

**Patent Melting Pots,** for Brass and Iron Founders,

**Patent Revolving Iron Safety Shutters, Lift and Force  
Pumps, and Hydraulic Apparatus,** of all Kinds,

**Patent Sash Line,** Nos. 1, 2, 3, 4, 5, 6, per gross,

**PATENT BLIND LINE, SCARLET and CRIMSON,**

Do. do. GREEN and BLUE,

Do. do. WHITE COTTON,

**Portable Vice Bench,** Mounted upon 4 Wheels, with Box for Tools,  
complete,

**Punching and Shearing Machines,**

**Paddle Hook Bolts,** per lb.

**Patent Galvanized Wire Ropes,** for Ships' Standing Rigging,

Do. do. Signal Cord, and Strand for Fencing,

**Patent Copper Wire Cord** for Lightning Conductors, Sash Cord.  
Hot Houses, Hanging Picture Frames, &c.,

**Patent Tilt** for Covering Railway Trucks, Waggon, &c.,

**Patent Direction Labels,**

**Pott's Patent** Copper Cased Bath Metal Tubes, for Locomotive and Marine Boilers, &c.,

**Patent Casement Fastenings,**

... SILL BARS,

... DOUBLE ACTION DOOR SPRINGS,

**Railway Junction and Station Signals,**

... **Lamps,** Signal, Engine, Carriage, Roof, Hand, and Platform,

... **Improved Detonating Alarm and Fog Signals,**

... **Flag Signals,**

... **Guard and Station-Keeper's Whistles,**

... **Wheels and Axles,**

... **Axle Boxes and Guard Plates,**

... **Spikes,**

... **Stopping or Grease Knives,**

... **Engine, Tender, Carriage, and Waggon**

... **Springs, Warranted for 12 months,**

... **Woollens.** Carriage Linings. Waterproof Cloths, Fearnoughts. Beavers and Pilots for Enguemen and Guard's Coats,

**Improved Ratchet Drills,**

**Riddles.**—Masons, Coal, and Gravel, Strong,

**Rivets, Boiler and Tank, of all kinds,—**  
PRICES OF RIVETS.**Boiler and Tank Rivets,—**

|   | Plain. | Snap. | per cwt. |
|---|--------|-------|----------|
| 1, 7-8, $\frac{1}{2}$ , and 11-16ths, Diameter, | .      | .     | ...      |
| 5-8, ...  | .      | .     | ...      |
| 9-16ths, ...                                    | .      | .     | ...      |
| $\frac{1}{2}$ , ...                             | .      | .     | ...      |

**Gasometer and Coopers' Rivets,—**

|                     | Plain. | Snap. | per cwt |
|---------------------|--------|-------|---------|
| 7-16ths, Diameter,  | .      | .     | ...     |
| 3-8ths, ...         | .      | .     | ...     |
| 5-16ths, ...        | .      | .     | ...     |
| $\frac{1}{2}$ , ... | .      | .     | ...     |

*Galvanized to Order.*

**Copper Rivets and Washers for Belts, Hose Pipes, &c.,**

Tinned Do,

per lb.

**Rope.**—Hemp Rope. Tarred Do. Marline. Flax. Tow  
Spun Yarn. Twine, .

**BEST CAST STEEL SAWS, Warranted.—**

Frame and Pit Saws. Cross Cut Saws. Veneer Webs. Cast Steel Stone Saws. Mill Saws. Cast Steel Circular Saws. Hand Panel and Ripping Saws. Iron and Brass Back Saws. Billet or Canada Webs. Compass, or Lock Saws. Table Saws. Cast Steel Webs for cutting Iron or Brass. - Cast Steel Turning or Chair Webs. Cast Steel Mill Saw Webs for cutting deal planks and timber. C S. Felloe Saws, . . . . . Discount . . . . . per cent.

**Patent Wood Screws,**

List Prices. . . . . Discount . . . . . per cent.

**Brass and Copper Wood Screws,**

List Prices. . . . . Discount . . . . . per cent.

**Self-acting Alarm Gongs,** for indicating the arrival of Trains, . . . . .**Shearing and Punching Machines,** . . . . .**Ship Bells,** . . . . .**Semaphore Signals,** With Lamps, Iron Ladder, Gallery, &c., erected complete, . . . . .**Distant Signals,** With Posts, Pulleys, Galvanized Wire Cord, &c., to order, . . . . .**Skates,** . . . . .

**Soap,** White, . . . . . Pale, . . . . . 2d Pale, . . . . . Yellow, . . . . . per cwt.

**Soft Soap,** . . . . . per firkin.

**Soda, Crystals,** . . . . .**Spanners, Budding's Improved Shifting,** . . . . .**SPELTER.**

**British and Foreign Cake,** . . . . . per cwt.

**Sheet Zinc,** . . . . . ...

**Spelter Solder,** . . . . . ...

**Split Pins,** . . . . .

**Station Hand Bells,** . . . . .

**Stop Cocks,** Brass and Iron, and Fittings of every description, . . . . .

**SUNDRIES.**

**Knife Sharpeners,** Nos. 1, . . . . . 2, . . . . . 3, . . . . . each

**Ollathorne's Heel Balls,** . . . . . Lg. . . . . Md. . . . . Sm. . . . . per gross.

**Fish Skins,** . . . . . per doz.

**Tool Baskets,** . . . . . ...

**Turkey Oil Stone,** . . . . . per lb.

**Ditto Slips,** . . . . . per doz.

**Tin Foil,** . . . . . per lb.

**Lead Ditto,** . . . . . ...

|                                  |         |     |     |         |    |    |             |
|----------------------------------|---------|-----|-----|---------|----|----|-------------|
| <b>Chamois Leathers,</b>         | Nos. 1, | 2,  | 3,  | 4,      | 5, | 6, | per doz.    |
| <b>Housemaids' Gloves,</b>       | .       | .   | .   | .       | .  | .  | ...         |
| <b>Harvest Ditto,</b>            | .       | .   | .   | .       | .  | .  | ...         |
| <b>Carpet Brooms,</b>            | Nos. 1, | 2,  | 3,  | .       | .  | .  | ...         |
| <b>Mop and Broom Handles,</b>    | .       | .   | .   | .       | .  | .  | per bundle. |
| <b>Malt and Turning Shovels,</b> | 16,     | 17, | 18, | inches. | .  | .  | per doz.    |
| <b>Bath Bricks,</b>              | .       | .   | .   | .       | .  | .  | per 100.    |
| <b>Turkey Sponges,</b>           | .       | .   | .   | .       | .  | .  | per lb.     |
| <b>Tracing Paper,</b>            | .       | .   | .   | .       | .  | .  | .           |
| <b>Tracing Cloth,</b>            | .       | .   | .   | .       | .  | .  | .           |
| <b>Drawing Pencils,</b>          | .       | .   | .   | .       | .  | .  | .           |
| <b>Parchment,</b>                | .       | .   | .   | .       | .  | .  | .           |

|   |   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|---|
| <b>Screw Keys,</b>                          | . | . | . | . | . | . | . |
| <b>Screw Plates,</b>                        | . | . | . | . | . | . | . |
| <b>Screw Stocks, Taps, and Dies,</b>        | . | . | . | . | . | . | . |
| <b>Scythes, Reaping Hooks, and Sickles,</b> | . | . | . | . | . | . | . |
| <b>SPADES and SHOVELS,—</b>                 | . | . | . | . | . | . | . |

**Shovels, Round or Square Nose, 11 by 13½ in., ; 11½ by 14 in. ;**  
 12 by 14½ in., ; 12½ by 15 in., ; 13 by 15 in., ; per doz.

If made with Extra Strong Back Strap, , extra ...

Extra Strong Coke Shovels, 17 by 14 in., ; Back Strap

and Long Strap, . . . . .

Scotch Headed Shovels, Round Nose, 12 by 14 in., . . . . .

Grafting Tool Spades, 12½ by 7 in. Top, by 8 in. Bottom, ...

**Best Steeled Shovels for Locomotives, 18 inches long**

in Pan, 10 inches wide, . . . . .

**Steel Straight Edges, Warranted True,** . . . . .

#### PRICES OF STEEL.

**Best Refined Cast Steel** for Turning Tools, . . . . . per cwt.

Ditto do. for Drills, . . . . .

Ditto do. for Chisels, . . . . .

**Silver Steel** for Taps and Dies, . . . . .

Ditto for Sets for Cutting Boiler Plate, . . . . .

**Best Double Shear Steel, Sorted all Sizes,** . . . . .

**Single Shear Steel,** ditto, . . . . .

**Hoop or Ferrule Steel, Best Quality** . . . . .

**Key Steel,** ditto, . . . . .

**Genuine (L) Blister Steel,** . . . . .

**Second Quality,** ditto, . . . . .

|   |          |
|---|----------|
| <b>Warranted Spring Steel,</b>                            | per cwt. |
| <b>Spring Plates, Tilted, &amp;c., and made to Order,</b> | ...      |
| <b>Best Cast Steel Plates,</b> ditto,                     | ...      |
| <b>Single Shear Steel Plates,</b> ditto,                  | ...      |
| <b>Double Shear Steel Plates,</b> ditto,                  | ...      |
| Ditto do. for Locomotive Slide Bars,                      | ...      |
| <b>Cast Steel</b> for do. do.,                            | ...      |
| <b>Best Refined Cast Steel</b> for Piston Rods,           | ...      |
| <b>Improved Cast Steel Files,</b>                         | ...      |
| <b>Engine and Tender Springs,</b> Warranted,              | per lb.  |
| <b>Carriage Bearing and Buffer Springs,</b> Warranted,    | ...      |
| <b>Waggon Bearing and Draw Springs,</b> ditto,            | ...      |

### **TUBING,—Gutta Percha, Prices as per List.**

|  |  |           |
|--|--|-----------|
| ...  | <b>Patent Vulcanized India Rubber,</b>     | ...       |
| ...  | <b>Brass Tubes, 3-8 in., and larger,</b>   | per lb.   |
| ...  | Do. do. $\frac{1}{4}$ and 5-16,            | ...       |
| ...  | <b>Copper Tubes, 3-8 in., and larger,</b>  | ...       |
| ...  | Do. do. $\frac{1}{4}$ and 5-16,            | ...       |
| ...  | <b>Zinc Tubes,</b>                         | ...       |
| ...  | <b>Tin Tubes, 3-8 in., and larger,</b>     | ...       |
| ...  | Ditto, $\frac{1}{4}$ and 5-16,             | ...       |
| ...  | <b>Composition Gas Tubes,</b>              | ...       |
| ...  | <b>Patent Welded Malleable Iron Tubes,</b> | ...       |
|  | for Gas, Water, and Steam,—                |           |
| 3-16, $\frac{1}{4}$ , 3-8, $\frac{1}{2}$ , 5-8, $\frac{3}{4}$ , 1, $1\frac{1}{2}$ , Inch Bore, |  | per foot, |
| $1\frac{1}{2}$ , 2, $2\frac{1}{2}$ , 3, $3\frac{1}{2}$ , 4 Inch Bore,                          |  | ...       |
| ...  | <b>Stopcocks</b> for ditto,                | ...       |
| ...  | <b>Bends, L. T. and Cross Knees,</b>       | ...       |

### **Tubes, Patent Lap Welded Iron, for Locomotive and Marine Boilers,—**

|                 |                |    |     |                |    |     |    |                |                |                |    |                |                |                |   |   |             |
|-----------------|----------------|----|-----|----------------|----|-----|----|----------------|----------------|----------------|----|----------------|----------------|----------------|---|---|-------------|
| Exter. diam.,   | $1\frac{1}{2}$ | 1  | 5-8 | $1\frac{1}{2}$ | 1  | 7-8 | 2  | $2\frac{1}{2}$ | $2\frac{1}{2}$ | $2\frac{1}{2}$ | 3  | $3\frac{1}{2}$ | $3\frac{1}{2}$ | $3\frac{1}{2}$ | 4 | 5 | 6 inches,   |
| Thickness,      | 12             | 12 | 12  | 12             | 12 | 12  | 12 | 12             | 12             | 12             | 11 | 11             | 10             | 10             | 9 | 6 | wire gauge, |
| Price per foot, |                |    |     |                |    |     |    |                |                |                |    |                |                |                |   |   | Nett.       |

### **Brass Mandrilled Tubes for Locomotive and Marine Boilers,**

**Copper Tubes, Flanged and Plain,** per lb.

### **TIN.**

|                                     |          |
|-------------------------------------|----------|
| <b>Block, Ingot, and Strip Tin,</b> | per cwt. |
| <b>Sheet Tin, and Tin Pipes,</b>    | ...      |

**First Quality Tin Plates,—**

|            | Charcoal. |          | Coke.  |          |
|------------|-----------|----------|--------|----------|
|            | Prime.    | Wasters. | Prime. | Wasters. |
| 1 C,       | .         | .        | .      | .        |
| 1 X        | .         | .        | .      | .        |
| 1 XXX      | .         | .        | .      | .        |
| 1 XXXX     | .         | .        | .      | .        |
| 1 XXXXX    | .         | .        | .      | .        |
| 1 XXXXXX   | .         | .        | .      | .        |
| D. C.      | .         | .        | .      | .        |
| D. X       | .         | .        | .      | .        |
| D. XX      | .         | .        | .      | .        |
| D. XXX     | .         | .        | .      | .        |
| D. XXXX    | .         | .        | .      | .        |
| S. D. C.   | .         | .        | .      | .        |
| S. D. X    | .         | .        | .      | .        |
| S. D. XX   | .         | .        | .      | .        |
| S. D. XXX  | .         | .        | .      | .        |
| S. D. XXXX | .         | .        | .      | .        |

**Truck Sheets and Tarpaulings, Flexible Waterproof,****Day Ticket Nippers,****Tue Irons,** for Smiths, Wrought and Cast, all Sizes,**Tallow,** Russian, . . . . . per cwt

... Home, . . . . .

**Tapered Wheel Tyre Bolts,** . . . . .**VARNISHES, &c.****Best Wearing Copal Body Varnish,** . . . . . per gallon,**Second Body Varnish,** . . . . .**Best Carriage do.,** . . . . .**Second do. do.,** . . . . .**Best prepared Black,** . . . . .**Second do. do.,** . . . . .**Common Japan for Iron Work,** . . . . .**Best Pale Gold Size,** . . . . .**Gold Size for Gilding,** . . . . .**Best House Decorating Varnish,** . . . . .**Second do. do.,** . . . . .**Oak Varnish,** . . . . .**Vulcanized India-Rubber Hose Pipes, and Flexible**

Tubing of every description for Railway Companies, Fire  
Engines, Brewers, Distillers, Paper Makers, Gas Fitters,  
Divers, Publicans, and for Chemical purposes, either with or  
without Spiral Wire,

**Round and Flat Vulcanized India-Rubber Washers**, made any size to order, for the Joints of Main-pipes for Gas Works, Hot-water Apparatus, Steam Pipes, &c., &c., per lb.

**Vulcanized Sheet Rubber** for Joints of all kinds, in Sheets from 10 to 20 yards long, 1 yard wide, and of any thickness, ...

**Elastic India-Rubber and Canvas Compound Packing** for Pistons, Pumps, &c., any length, 1 yard wide, and about  $\frac{1}{2}$  of an inch thick, per yard.

Other thicknesses in the same proportion. And Circular Gland Packings for Stuffing Boxes cut to order, any size.

**Thurston's Patent Vulcanized India-Rubber Bil- liard Cushions**, 6 feet long,  $1\frac{1}{2}$  inch wide, and  $\frac{1}{2}$  of an inch thick, per set,  
Rubber Strips for Bagatelle Tables, cut any size or shape to order, price according to shape.

**India-Rubber Gas Bags**, any size or shape to order, price according to make and size, and fitted with Stop-cocks, and Flexible Tubing complete,

**Vulcanized India-Rubber Valve Canvas** for all kinds of Flap Valves, and Slide Boxes of Marine and other Steam Engines, in sheets  $\frac{1}{4}$ , 5-16, 3-8,  $\frac{1}{2}$  inch thick, 13 inches wide, and 6 feet long, per lb.

**India-Rubber Solution**, (or Liquid India-Rubber,) kept in cans containing 2 lb. 4s., 1 lb. 2s., and  $\frac{1}{2}$  lb. 1s. each, and supplied in any quantity in cans or casks,

**Varnished Cloths for Bookbinders**, price per square yard according to the quantity of Solution spread upon the cloth,

**Vulcanized India-Rubber Buffers and Draw Springs**,

**Vices**, Best Warranted, Black Staple Holdfast, per lb.

Ditto, Bright do., ...

**Hand-Vices**,

**Valve Rubbers**,

**Wells's Patent Screamer Fog Signal** for Shipping,

**Weighing Machines**, Improved Portable,

**Patent Wood Screws**, List Prices. Discount per cent.,

**Iron Washers** for Machine and Coach Makers,—

|  |              |
|--|--------------|
| 6d., 7d., 8d., 10d., 1s., 1s. 2d., 1s. 6d., 1s. 10d.,                            | } per gross, |
| Size of Hole, 5-16, 3-8, 7-16, $\frac{1}{2}$ , 9-16, 5-8, 11-16, $\frac{3}{4}$ , |              |
| 2s., 4d., 2s. 9d., 3s. 3d., 4s. 3d., 5s. 2d., 6s. 3d.,                           |              |
| ... 13-16, 7-8, 15-16, 1, 1 1-8, $1\frac{1}{2}$ inch.                            |              |

Discount per cent.

**Strong Iron Washers** all sizes, for Mill Wrights, Engineers, and Ship Wrights, at per cwt. nett,



**Wheels**, Engine, Tender, Carriage, Goods Truck, and Mineral Waggon Wheels, . . . . .  
**Wrenches**, Extra Strong Locomotive Double Bar, 6, 7, 8, 9, 10, 11, and 12 inch., . . . . .  
**Wrenches**, Coach, Cylinder, and Railway, . . . . .  
**Whistles**, Locomotive, Alarm, and Break Whistles, . . . . .  
 STEAM BOILER SAFETY WHISTLES, . . . . .  
 GUARD and STATION-KEEPERS' WHISTLES, . . . . .

### JOSEPH WHITWORTH AND CO.'S—

**Patent Screwing Apparatus**.—Patent Guide Stocks, Dies, Working Taps. Master Taps. Tap Wrenches and Box, per list, . . . . .  
**Patent Gas-Screwing Apparatus**, . . . . .  
**Taps, Hobs, and Screw Tools**, . . . . .  
**Patent Slide, Screwing, and Surfacing Lathes**, Turning . . . . . do., . . . . .  
**Locomotive-Wheel Turning, and Boring** do., . . . . .  
**Self-Acting Boring** . . . . . do., . . . . .  
**General Shaping, Planing, and Boring Machines**, . . . . .  
**Patent Slotting** . . . . . do., . . . . .  
**Self-Acting Wheel Cutting and Dividing** do., . . . . .  
**Punching and Shearing** . . . . . do., . . . . .  
**Plate Bending** . . . . . do., . . . . .  
**Patent Bolt-Screwing** . . . . . do., . . . . .  
**Segment Sawing** . . . . . do., . . . . .  
**Circular Saw Frame**, . . . . .  
**Grindstone Frame**, . . . . .  
**Hand-Driving Wheels**, including Framing-Fly-Wheel, 4 Antifriction Rollers, Pulleys, &c., . . . . .  
**Surface Plates**, . . . . .  
**Cast-Iron Straight Edges**, . . . . .  
**Parallel Steel Straight Edges**, . . . . .  
**Circular Gauges**. Internal and External,—  
 No. 1.—Set 1-8 in. to 1 in diam. 15 sizes, increasing by 1-16 in.,  
 No. 2.— „ 1-8 „ 2 „ 8 „ 1-8 „  
 No. 3.— „ 2-1-4 „ 4 „ 8 „ 1-4 „  
**Circular Stepped Gauges**, . . . . .  
**Nut Gauges**. Case hardened,—  
 No. 1.—Set  $\frac{1}{2}$  in. to 2 in. diam. 13 sizes, increasing by 1-8 in., . . . . .  
 No. 2.—Set 2  $\frac{1}{2}$  in. to 4 „ 8 „  $\frac{1}{2}$  in., . . . . .

**WIRE.**

**Iron Wire.** Gauge 00 to 6, 7 and 8, 9, 10, 11, 12, 13, 14,  
per bundle of 60 lbs.,

**Best Selected Charcoal Wire.** Gauge 00 to 6, 7, 8, 9, 10, 11, 12, 13, 14  
per bundle of 60 lbs.,

Do. do. Half Round Wire Gauge 00 to 6, 7, 8, 9, 10, 11, 12, 13, 14,  
per bundle of 60 lbs.,

**Cast Steel Wire.** Gauge 00 to 6, 7, 8, 9, 10, 11, 12, 13, 14,  
per lb.,

Do. Do Half Round Wire per lb. extra.

**BRASS WIRE,—**

|                 |            |     |     |     |     |     |     |            |
|-----------------|------------|-----|-----|-----|-----|-----|-----|------------|
| No. 0000 to 20, | 21 and 22, | 23, | 24, | 25, | 26, | 27, | 28, | } per lb., |
| ...             | 29,        | 30, | 31, | 32, | 33, | 34, | 35, |            |
|                 |            |     |     |     |     |     |     |            |

**COPPER WIRE,—**

|                |            |     |     |     |     |     |     |       |
|----------------|------------|-----|-----|-----|-----|-----|-----|-------|
| No. 000 to 20, | 21 and 22, | 23, | 24, | 25, | 26, | 27, | 28, | } ... |
| ...            | 29,        | 30, | 31, | 32, | 33, | 34, | 35, |       |
|                |            |     |     |     |     |     |     |       |

**GUTTA PERCHA GOODS.****DOMESTIC, &c.**

Soles for Boots and Shoes, which  
keep the feet both warm and dry.  
Lining for Cisterns, &c.  
Picture Frames.  
Looking-glass Frames.  
Ornamental Mouldings.  
Bowls.  
Drinking Cups.  
Jars.  
Soap Dishes.  
Ornamental Inkstands.  
Vases.  
Noiseless Curtain Rings.  
Card, Fruit, Pin, and Pen Trays.  
Tooth Brush Trays.  
Shaving Brush Trays.  
Window Blind Cord.  
Clothes' Line  
Nursing Aprons.  
Coloured Material for Amateur  
Modelling.  
Ornamental Flower Stands and  
Pots.  
Sheet for damp Walls and Floors.  
Conveyance of Water, Gas, &c.  
Drain and Soil Pipes.  
Gutta Percha Tubing is used as a  
"Domestic Telegraph" in lieu  
of Bells.

Tubing for Watering Gardens,  
Washing Windows, &c.  
Lining for Bonnets.  
Jar Covers.  
Sponge Bags.  
Watch Stands.  
Shells.  
Foot Baths.  
Balsam for Cuts, Chilblains, &c.  
Lighter Stands.

**SURGICAL.**

Splints.  
Thin Sheet for Bandages.  
Stethoscopes.  
Ear Trumpets.  
Liquid Gutta Percha for Wounds.  
Bed Straps.  
Bedpans for Invalids.

**CHEMICAL.**

Carboys.  
Vessels for Acids, &c.  
Siphons.  
Tubing for conveying Oils, Acids,  
Alkalies, &c.  
Flasks.  
Bottles.  
Lining for Tanks.  
Funnels.

**MANUFACTURING.**

Buckets.  
 Mill Bands.  
 Pump Buckets, Valves, Clacks, &c.  
 Felt Edging for Paper Makers  
 Bosses for Woollen Manufacturers.  
 Flax Holders.  
 Shuttle Beds for Looms.  
 Washers.  
 Bowls for Goldsmiths.  
 Bobbins.  
 Covers for Rollers.  
 Round Bands and Cord.  
 Breasts for Water Wheels.  
 Oil Cans.

**FOR OFFICES, &c.**

Wafer Holders.  
 Inkstands.  
 Ink Cups (in lieu of glass.)  
 Pen Trays  
 Cash Bowls  
 Washing Basins, &c., (which cannot be broken.)  
 Tubes for conveying Messages.  
 Canvas for covering Books.  
 Architects' and Surveyors' Plan Cases.

**AGRICULTURAL.**

Tubing for conveying Liquid Manure.  
 Lining for Manure Tanks.  
 Driving Bands for Thrashing Machines, &c.  
 Traces.  
 Whips.  
 Buckets, Bowls, &c.

**ELECTRICAL, &c.**

Covering for Electric Telegraph Wire.  
 Insulating Stools.  
 Battery Cells.  
 Handles for Discharging Rods, &c.  
 Electrotypes Moulds.

**ORNAMENTAL.**

Medallions.  
 Brackets.  
 Cornices.  
 Console Tables.  
 An endless variety of Mouldings in imitation of Carved Oak, Rosewood, &c., for the decoration of rooms, cabinet work, &c.  
 Picture Frames.

**USES ON SHIPBOARD.**

Sou-Wester Hats.  
 Pilot's Hats.  
 Life Buoys, which are more buoyant than Cork.  
 Buckets.  
 Pump Buckets.  
 Hand Speaking Trumpets.  
 Drinking Cups.  
 Powder Flasks.  
 Fishing Net Floats.  
 Sheathing for Ships.  
 Waterproof Canvas  
 Air-tight Life Boat Cells.  
 Tubes for pumping Water from the Hold to the Deck.  
 Round and Twisted Cords, (these cords do not sink in water like the hempen ones.)  
 Lining for Boxes.  
 Speaking Tubes for communicating between the Man on the Look-out and the Helmsman, Captain, &c.  
 Tiller Ropes.

**MISCELLANEOUS.**

Suction Pipes for Fire Engines.  
 Fire Buckets.  
 Stable Buckets.  
 Lining for Coffins.  
 Sounding Boards for Pulpits.  
 Tap Ferrules.  
 Communion Trays.  
 Tubing for Ventilation.  
 Hearing Apparatus in Churches and Chapels for Deaf Persons.  
 Cricket Balls.  
 Bouncing Balls.  
 Golf Balls.  
 Fencing Sticks.  
 Portmanteaus.  
 Police Staves.  
 Life Preservers.  
 Embossed Book Backs.  
 Embossed Globes and Maps for the Blind.  
 Railway Conversation Tubes.  
 Miners' Caps.  
 Beds for Paper-Cutting Machine Knives.  
 Fringe for Mourning Coaches.  
 Fine and Coarse Thread.  
 Alarm Tubes for Mines, &c.  
 Official Seals, &c.  
 Envelope Boxes.  
 Bible Backs.  
 Prayer Book do.  
 Powder Flasks.  
 Box Lids, &c., &c., &c.

*From the ready Sale which Gutta Percha Goods will obtain in all parts of the World, they well deserve the attention of Exporters.*

**GUTTA PERCHA PUMP BUCKETS, VALVES, &c.**

HENDRY BROTHERS beg to bring under the notice of Mill-owners, Manufacturers, &c., the great saving, both of time and expense, which is effected by the use of Gutta Percha Pump Buckets and Valves.

These buckets may be had of any size and thickness without any seam or raised joint. They are unaffected by acids, alkalies, &c. Cold water will never soften them, and they are consequently much more durable than leather, and also cheaper.

**PATENT GUTTA PERCHA TUBING.—**

This Tubing is alkali and acid-proof, being affected only by the *strongest* oil of vitriol and nitric acid,—the most concentrated acetic, hydrofluoric, and muriatic acid, and chlorine, *having no injurious effect upon it*; it is also unaffected by any of the cold fixed oils, &c.

It is totally impervious to wet, and may be steeped in water, or buried in damp or marshy ground without injury.

It is unaffected by salt water, and therefore valuable on shipboard.

In case of any stoppage, an incision can be made in this Tubing with a sharp knife, and readily closed again by means of a warm iron.

Amongst the peculiar properties possessed by this Tubing, are the following :—

Lightness, combined with remarkable strength, (the  $\frac{3}{4}$  inch tubes having resisted a pressure of 337 lbs. on the square inch without bursting.)

Non-affection by the carbonic acid, or fixed air in water, (so injurious to health in the use of leaden pipes,) acetic, hydrofluoric or muriatic acids, alkalies, grease, &c. *This remarkable property renders Gutta Percha so valuable for the conveyance of water, lining of cisterns, &c., being free from the deleterious effects to health resulting from the use of lead for those purposes.*

Indestructibility by wet, moisture, &c.

Peculiar power of resisting frost.

Great lengths in which it can be made (50 to 500 feet) without a joint.

Ease with which the requisite joints can be made.

Facility with which it can be cut open in case of stoppage, and re-closed.

Extraordinary power of conducting sound.

**Gutta Percha Tubing is applicable for the following purposes :—**

The Conveyance of Water, Oil, Acids, and other Chemicals, Liquid Manures, &c.

Drain and Soil Pipes.

Suction Pipes for Fire Engines.

Pump Barrels and Feeding Pipes.

Ship Pumps. Syphons.

Ventilation, &c., of Mines, Public Buildings, &c.

For Watering Gardens and Streets, Washing Windows, Damping Floors, &c.

Ear and Speaking Trumpets.

Speaking Tubes in Warehouses, Dwelling Houses, Ships, &c., in lieu of Bells.

For enabling Deaf Persons to hear Sermons, &c.

# **PRICES per lb. OF THE PATENT CUTTA PERCHA TUBING,**

*Up to Six Inches Internal Diameter, and may be had of any thickness to order.*

| Per lb. |                                  | Per foot.              |                    | According to the Thickness of Gutta Percha. |  |
|---------|----------------------------------|------------------------|--------------------|---|--|
| s. d.   |                                  | s. d.                  | s. d.              |   |  |
| 7 0     | { 1-16th internal diameter,..... |                        | 0 0 $\frac{1}{2}$  |   |  |
|         | { 1-8th.....                     |                        | 0 1 $\frac{1}{2}$  |   |  |
| 5 6     | { 3-16ths..... varying from      | 0 1 1-16 to            | 0 1 $\frac{1}{2}$  |   |  |
|         | { 1-4th.....                     | 0 1 $\frac{1}{2}$ ...  | 0 2                |   |  |
| 5 0     | { 3-8ths.....                    | 0 3 ...                | 0 4                |   |  |
|         | { 7-16ths.....                   | 0 3 $\frac{1}{2}$ ...  | 0 4 $\frac{1}{2}$  |   |  |
| 4 0     | { $\frac{1}{2}$ -inch.....       | 0 3 $\frac{1}{2}$ ...  | 0 4 $\frac{1}{2}$  |   |  |
|         | { 5-8ths.....                    | 0 4 $\frac{1}{2}$ ...  | 0 5 $\frac{1}{2}$  |   |  |
|         | { 3-4ths.....                    | 0 6 ...                | 0 7 $\frac{1}{2}$  |   |  |
|         | { 7-8ths.....                    | 0 7 $\frac{1}{2}$ ...  | 0 8 $\frac{1}{2}$  |   |  |
| 3 0     | { 1-inch.....                    | 0 8 ...                | 0 9                |   |  |
|         | { 1 $\frac{1}{2}$ ".....         | 0 9 ...                | 1 10 $\frac{1}{2}$ |   |  |
|         | { 1 $\frac{1}{2}$ ".....         | 1 0 ...                | 1 1 $\frac{1}{2}$  |   |  |
|         | { 1 $\frac{1}{2}$ ".....         | 1 3 $\frac{1}{2}$ ...  | 1 5                |   |  |
| 2 9     | { 2-inch.....                    | 1 7 $\frac{1}{2}$ ...  | 1 9                |   |  |
|         | { 2 $\frac{1}{2}$ ".....         | 1 11 ...               | 2 2 $\frac{1}{2}$  |   |  |
|         | { 2 $\frac{1}{2}$ ".....         | 2 1 $\frac{1}{2}$ ...  | 2 3 $\frac{1}{2}$  |   |  |
|         | { 2 $\frac{1}{2}$ ".....         | 2 2 $\frac{1}{2}$ ...  | 2 6                |   |  |
| 2 6     | { 3-inch.....                    | 2 7 ...                | 2 8 $\frac{1}{2}$  |   |  |
|         | { 3 $\frac{1}{2}$ ".....         | 2 8 $\frac{1}{2}$ ...  | 3 0                |   |  |
|         | { 4 ".....                       | 3 10 $\frac{1}{2}$ ... | 4 2 $\frac{1}{2}$  |   |  |
|         | { 5 ".....                       | 4 4 $\frac{1}{2}$ ...  | 5 0                |   |  |
|         | { 6 ".....                       | 4 8 $\frac{1}{2}$ ...  | 5 3 $\frac{1}{2}$  |   |  |

## **GUTTA PERCHA UNION JOINT.**

From EDWARD WEIR, Esq., Agricultural Engineer; London.

### **PRICES.**

|         |         |         |         |          |           |     |            |
|---------|---------|---------|---------|----------|-----------|-----|------------|
| 1       | 1½      | 1½      | 1½      | 2        | 2½        | 2½  | 2¾ inches. |
| 2s.     | 2s. 6d. | 3s.     | 3s. 6d. | 4s. 6d.  | 5s. 6d.   | 6s. | 6s. 6d.    |
| 3       |         | 3½      | 4       | 4½       | 5 inches. |     |            |
| 7s. 6d. |         | 8s. 6d. | 9s. 6d. | 10s. 6d. | 11s. 6d.  |     |            |

The Gutta Percha Union Joint is peculiarly useful for connecting lengths of hose or piping in an effectual and remarkably expeditious manner.

It being only one-third the weight of Metal, the wear and tear to Flexible Hose is consequently much less than with Metal.

It is particularly applicable for joining lengths of Gutta Percha Hose; and it meets any objections which might be made to coiling the large Tubing, as a thousand feet in short straight lengths, fitted with the Joints, would be quite as tight as if in one length without joint.

It can be connected to pumps, engines, and tanks, by having a casting in metal of the male part of the joint, made and fixed with a flange in the ordinary way, at a very trifling cost, instead of the flange and worm.

**SHOP FRONTS** fitted in a superior manner with **REVOLVING IRON** or **WOOD SHUTTERS**, Patent Brass, Zinc, or Copper Sashes, **MOULDED ENGRAVED STALL BOARD** Plates, best Plate Glass, and internal Brass Fittings of all kinds, on the most advantageous terms.

**BRONZED, LACKERED, OR GILT METAL ORNAMENTS**, GOT UP TO ANY DESIGN, BY IMPROVED MACHINERY, COPPER, ZINC, AND BRASS SASHES AND SKYLIGHTS, IN EVERY VARIETY OF PATTERN.

17 AP 51







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**HENDRY BROTHERS,**  
*Manufacturers of*  
**RAILWAY FURNISHINGS**  
*and*  
**GENERAL AGENTS**  
**5, DIXON STREET,**  
**GLASGOW.**





*Gutta Serica*  
**WHOLESALE WAREHOUSE**

FOR SUPPLYING THE TRADE WITH  
*All Articles Manufactured of that Material*



**HENDRY BROTHERS**

5 DIXON STREET,

**GLASGOW.**

Prices same as at the Factory.







